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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,411	01/27/2004	Gloria Jean Navarre	8285-669	2880
757 7590 08/11/2008 BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610				
EXAMINER KIM, PAUL				
ART UNIT 2161		PAPER NUMBER		
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/767,411

Applicant(s)

NAVARRE ET AL.

Examiner

PAUL KIM

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 May 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This Office action is responsive to the following communication: Amendment filed on 15 May 2008.
2. Claims 1-20 are pending and present for examination.

Response to Amendment

3. No claims have been amended.
4. No claims have been cancelled.
5. No claims have been added.

Double Patenting

6. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or

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claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

7. **Claims 1-19** are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1-18 of U.S. Patent No. 6,442,611. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claimed invention is broader in scope than the invention found U.S. Patent No. 6,442,611 upon which the present application claims priority to.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. **Claims 1-4, 6-8, 10-14, 16-18, and 20** are rejected under 35 U.S.C. 103(a) as being unpatentable over Cloud et al (U.S. Patent No. 5,634,127, hereinafter referred to as CLOUD), filed on 30 November 1994, and issued on 27 May 1997, in view of Messenger et al (U.S. Patent No. 5,051,947, hereinafter referred to as MESSENGER), filed on 10 December 1985, and issued on 24 September 1991.

10. **As per independent claims 1, 10, and 20**, CLOUD, in combination with MESSENGER, discloses:

A method comprising:

(a) transmitting a set of data access transactions to respective applications (See CLOUD, col. 11, lines 27-34, wherein this reads over "decompose the message receive and invoke several task to independently retrieve information from whatever different sources are necessary"), wherein at least some of the set of data access transactions comprise a first optional data item (See MESSENGER, C20:L1-10, wherein this reads over "[a]nother optional attribute is the inclusion of arbitrary boolean expression in the search definition, such as: (CAT and

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DOG) or (KITTEN and PUPPY)"}, and wherein the respective applications process the set of data access transactions even when the respective applications do not recognize the first optional data item {See MESSENGER, C19:L52-C20:L10}; and,

- (b) integrating the set of responses received from the respective applications {See CLOUD, Abstract, wherein this reads over "[i]nformation resulting from workflows and information retrieved from back-end servers may be integrated into a single reply message to the requesting client"}.

While CLOUD fails to expressly disclose the incorporation of optional data items within the set of data access transactions, MESSENGER discloses the method wherein a search may include optional data items, and wherein said data items may be optionally processed. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the above invention suggested by CLOUD with the invention disclosed by MESSENGER.

One of ordinary skill in the art would have been motivated to do this modification so that optional data items may be transmitted within the data access transactions such that the optional data items need are processed when an application does not recognize said requested optional data items.

11. **As per dependent claims 2 and 11**, CLOUD, in combination with MESSENGER, discloses:

The method of claim 1 further comprising, before (a), receiving a request from a second application, the second application being different from the respective applications {See CLOUD, col. 11, lines 15-16, wherein this reads over "the work flow manager is initiated by a request message which it receives as input"}.

12. **As per dependent claims 3 and 13**, CLOUD, in combination with MESSENGER, discloses:

The method of claim 2, wherein the request is transmitted by the second application in response to user initiation {See CLOUD, Figure 10; and col. 16, lines 6-9, wherein this reads over "a customer service representative initiates a request message. The message is received at the MDP and a message control block is established"}.

13. **As per dependent claims 4 and 14**, CLOUD, in combination with MESSENGER, discloses:

The method of claim 2, wherein the request is transmitted by the second application in response to intelligent agent software initiation {See CLOUD, col. 8, lines 30-34, wherein this reads over "the input request manager can translate disparate front end message protocols into MDP message formats, allowing clients with existing application message formats to be accepted by the workflow Manager"}.

14. **As per dependent claims 6 and 16**, CLOUD, in combination with MESSENGER, discloses:

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The method of claim 2 further comprising automatically identifying the set of data access transactions from the request {See CLOUD, col. 11, lines 27-34, wherein this reads over "the work flow will decompose the message received and invoke several tasks to independently retrieve information from whatever different sources are necessary"}.

15. **As per dependent claims 7 and 17**, CLOUD, in combination with MESSENGER, discloses:

The method of claim 1 further comprising returning the integrated set of responses to a second application, the second application being different from the respective applications {See CLOUD, col. 11, lines 30-34, wherein this reads over "the work flow manager manages all of the information placed into the session control block, to be described hereinafter, into one or more comprehensive replies which may then be sent back to the client"}.

16. **As per dependent claims 8 and 18**, CLOUD, in combination with MESSENGER, discloses:

The method of claim 1 further comprising:

receiving user identification information from a second application, the second application being different from the respective applications {See CLOUD, col. 11, lines 15-16, wherein this reads over "the work flow manager is initiated by a request message which it receives as input"}; and

verifying the received user identification information by accessing a user profile database {See CLOUD, col. 8, lines 26-34, wherein this reads over "security checking and client validation and registration functions"}.

17. **As per dependent claim 12**, it would be inherent for the second application to operatively transmit a request to the processor since without the ability to communicate with the processor, the application would not be able to functionally operate.

18. **Claims 5 and 15** are rejected under 35 U.S.C. 103(a) as being unpatentable over CLOUD, in view of MESSENGER, and in further view of Official Notice.

19. **As per dependent claims 5 and 15**, the Examiner takes Official Notice that it would have been widely-known and obvious to one of ordinary skill in the art that the request is transmitted by the second application using a web browser.

20. **Claims 9 and 19** are rejected under 35 U.S.C. 103(a) as being unpatentable over CLOUD, in view of MESSENGER, and in further view of Ferguson et al (U.S. Patent No. 5,819,092, hereinafter referred to as FERGUSON), filed on 6 October 1997, and issued on 6, October 1998.

21. **As per dependent claims 9 and 19**, CLOUD, in combination with MESSENGER and FERGUSON, discloses a method comprising computing a fee for using the respective applications by

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accessing a user profile database (See FERGUSON, col. 29, lines 36-39, wherein this reads over "subtool allows the developer of an online service to specify the fees that will be levies on or paid to users"; and col. 30, lines 1-5, wherein this reads over "fees can depend on . . . the identity of the user").

The combination of inventions disclosed in CLOUD and FERGUSON would disclose a system wherein application use fees would be calculated according to the identity of the user and the respective applications. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the above invention suggested by CLOUD by combining it with the invention disclose by FERGUSON.

One of ordinary skill in the art would have been motivated to do this modification so that users may be charged access fees.

Response to Arguments

22. Applicant's arguments filed 15 May 2008 have been fully considered but they are not persuasive.

a. Claim Rejections under 35 U.S.C. 103

Applicant asserts the argument that "Messenger fails to teach processing a set of data access transactions even when an application does not recognize an optional data item." See Amendment, page 6. The Examiner respectfully disagrees. It is noted that Messenger discloses an invention wherein arbitrary boolean expressions may be included in a search definition as an optional attribute. Wherein the Boolean expressions may comprise of expressions such as "(CAT and DOG) or (KITTEN and PUPPY)," it is noted that the search conditions "CAT and DOG" and "KITTEN and PUPPY" are optionally recited. Accordingly, it would have been obvious to one of ordinary skill in the art that should the search conditions (i.e. optional data items), such as KITTEN and PUPPY, not be recognized by the search application of Messenger, the search would continue and result in zero matches being returned. Furthermore, wherein the inclusion of said search conditions is an optional attribute, it would have been obvious to one of ordinary skill in

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the art that the search application of Messenger would continue to process the optional data items.

Lastly, the Examiner notes that wherein the set of data access transactions comprise an optional data item, it would be inherent to the claimed invention that the data access transactions be processed by the respective applications. That is, the step following whether or not the optional data item is recognized would be considered a process step. Should the applications discover that the optional data item is not recognized, a return value of some sort would be sent (i.e. a process step) such that the processing of the data access transactions would continue.

Accordingly, the rejections under 35 U.S.C. 103 are sustained for the reasons above.

Conclusion

23. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

24. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAUL KIM whose telephone number is (571)272-2737. The examiner can normally be reached on M-F, 9am - 5pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on (571) 272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Paul Kim
Examiner, Art Unit 2161
TECH Center 2100

/pk/

/Tony Mahmoudi/
Supervisory Patent Examiner, Art Unit 2165